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(71) Applicant (for all designated States except US): **EBAY INC.** [US/US]; 2145 Hamilton Avenue, San Jose, California 95125 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **GUPTA, Raghav** [IN/US]; 1279 Poplar Ave., #118, Sunnyvale, California 94086 (US).

(74) Agents: **MCCRACKIN, Ann M.** et al.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, Minnesota 55402 (US).

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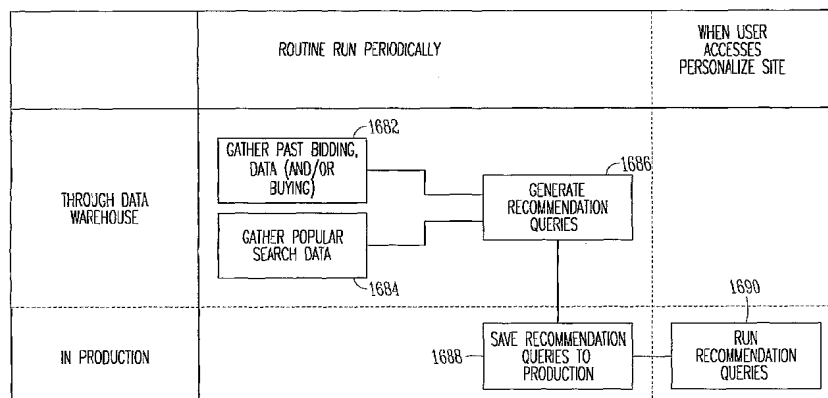
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM TO GENERATE RELATED SEARCH QUERIES

1680

LOGIC FOR GENERATING RECOMMENDATION QUERIES



(57) Abstract: System and methods are described to provide new recommendations to a search interface to assist users in navigating toward new searches that are likely to generate results aligned with the user's searching intentions. An algorithm analyzes previous search sessions to determine additional locations for the user to go. In an example of a commerce system, new information placement may be added to the top of search and listings pages to show links to new searches that can be run by the user. On a periodic basis, the search recommendations may be updated, for example based on the most current changes in user behavior.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/23807

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 17/30 (2007.01)

USPC - 707/6

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - G06F 17/30 (2007.01); USPC - 707/6

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
707/1; 707/4; 705/1

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Electronic data base: USPTO WEST, NPL DialogPRO

Search terms used: (search query) and (search engine), recommendation engine, page view, search history, rank, sequential page view, track session data, edit session data, error, filter, bid

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0065802 A1 (Uchiyama) 30 May 2002 (30.05.2002) [Fig. 5, para 89 ln 3, para 89 ln 9, para 27 ln 1-2, para 29 ln 12-17]	1-5,7-10,12-22,24,25
A	US 2005/0091209 A1 (Frank et al.) 28 April 2005 (28.04.2005)	1-5,7-10,12-22,24,25
A	US 2004/0193612 A1 (Chang) 30 September 2004 (30.09.2004)	1-5,7-10,12-22,24,25

☐ Further documents are listed in the continuation of Box C.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

27 January 2007 (27.01.2007)

Date of mailing of the international search report

28 FEB 2007

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Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450
Facsimile No. 571-273-3201

Authorized officer:

Lee W. Young

PCT Helpdesk: 571-272-4300

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/23807

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☒ Claims Nos.: 26-33
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.